Daily Diary Report by Bid Item

Contract No.: **04-0120F4**
Diary #: **019** **Const Calendar Day:** 162 **Date:** **17-Feb-2010** **Wednesday**
Inspector Name: **He, Philip** **Title:** **Transportation Engineer**
Inspection Type:
Shift Hours: 07:00 am 05:30 pm **Break:** **Over Time:**
Federal ID:
Location:
Reviewer: **Liu, Tai-Lin** **Approved Date:** 03-Mar-10 **Status:** Approved

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** **12 PM** **4PM**
Precipitation **Condition** Dense Fog

Working Day ☑ If no, explain:

04-0120F4 **Bid Item: 056** **E-L03-OBG.056** **E Line Lift 03 OBG Erect structural steel**
AMERICAN BRIDGE/FLUOR, A JV

Diary:

Dispute ☐

General Comments **056** E-L03-OBG.056

Very fogy. Can not see anything more than 30 feet away.

1. Lifting OBG lift L3E.
   A. Final hooked up L3E at 8am.
   B. 4 tug boats worked around the barge.
   C. 4 iron workers worked on the barge carrying the box girder lift.
   D. 5 iron workers worked on the Scaffolding on the sides of OBG L1E to prepare for the splicing welding between L1E and L2E.
   E. 4 workers and 1 ABF engineer prepared the Epoxy for the sliding operation of the cradle and OBG.
   F. 10AM, OBG Lift L3E has been lifted above the temp. truss. 12 iron workers, 2 engineers and 1 superintendent are working on the truss.
   G. 10:20am, fog starts to disappear.

2. Seismic Shear Plates.
   A. Workers installed the seismic shear plates of OBG L3E to connect the box girder to the cradle frame.
   B. At supports on South East (SE) and South West (SW), the bolts on seismic shear plates have been checked for snug tight and pretension torque.

3. Jacking of the OBG lift.
   A. The box girder was jacked up to match the 2 percent transverse slope.
   B. The Max. jacking pressure recorded at each support:
      Support at North West (NW, Jack number 3A&B): 2600 psi
      Support at North East (NE, Jack number 29A&B): 2100 psi
      Support at South West (SW, Jack number 7A&B): 2700 psi
      Support at South East (SE, Jack number 42A&B): 2000 psi

4. Pushing the OBG.
   A. OBG Lift L3E has been pushed from its start point at Truss Panel Point (TPP) 44 to TPP 30 at 5:30pm.
   B. It is chained down to the truss and will continue to push tomorrow.

Attachment

Releasing of the box girder from the shear leg crane

Installing Seismic Shear Plate

Supporting at push frame.

Very Fogy Weather

Very Fogy Weather

OBG L3E, Before Hooking to the Crane

Sitting on Temp. Truss.

Lowering the Box Girder

Iron workers working on the pretension of the bolts at seismic shear plate

Shaer Leg Crane, After releasing the box girder.

Connection between the cradle frame and pushing frame

Lifted to the position

L3E Lifted in the Air

Releasing of the box girder from the shear leg crane

Connection between the cradle frame and pushing frame

L3E Lifted in the Air